Data Used in the Clean Water Action Plan Unified Watershed Assessment

Name of Data Layer: Trout Spawning Areas (non-tidal)

Definition: Living Resources indicator that identifies watersheds where populations of brown, rainbow, and brook trout are known to reproduce.

Data Sources: MD Dept. Natural Resources, Maryland Biological Stream Survey (MBSS) and Fisheries Service

Data Type: Condition _**X**_   Stressor ___ Vulnerability _**X**_   Trend ___ Growth ___ Other ___

Method of Calculation: The Trout Spawning Areas Indicator was developed using Maryland Biological Stream Survey data and information provided by the Fisheries Service. This indicator scores watersheds based on the diversity of trout spawning areas within the watershed. Because brook trout are the only native trout (Salmonidae) species that spawn in Maryland waters, they were weighted more heavily than either rainbow or brown trout.

Indicator score	Scoring criteria
10	Presence of brook, brown, and rainbow trout spawning
9	Presence of brook and brown spawning habitat
8	Presence of (only) brook trout spawning habitat
7	Presence of brown and rainbow trout spawning habitat
6	Presence of (only) rainbow trout spawning habitat
5	Presence of (only) brown trout spawning habitat
0	None
.	NA (trout spawning habitat not expected to occur)

Watershed Scale: Tributary Strategy Region ___ USGS 8 Digit ___ MD 6 Digit ___
   MD 8 Digit _**X**_   MD 12 Digit ___ Any ___

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Clean Water Goal: Yes ____   No _**X**_

Other Natural Resource Goal: Yes _**X**_   No ____
  If Yes: Benchmark Goal ___   Relative Goal _**X**_

Assumptions: _____

Trout Spawning Areas (non-tidal) Data Layer - continued

Comments: Preliminary benchmarks for selecting potential candidate watersheds for Category III only are: *Trout Spawning Areas indicator score > 0.*

References: Kazyak, P. 1996. Maryland biological stream survey sampling manual. Maryland Department of Natural Resources. Monitoring and Non-tidal Assessment division. Annapolis, Maryland.

Memorandum dated 8 July 1998 From Bob Lunsford to Paul Massicot